SDS/FMS RELEASE NOTES (RELEASE 2.000 CHANGES)

Concept Changes

Addition of new Data Type "M" for Long, unstructured Text Fields

Beginning with Release 2.000, the SDSFIE introduces a new attribute (field) data type of "M". This equates to a unstructured, virtually unlimited length text field. In Microsoft Access, this is equivalent to a data type of "Memo". In Oracle, it equates to a data type of "Long" (or CLOB [Character String Large Object] in Oracle 8.1 and subsequent). In SQLSVR, the data type equivalent is "ntext". In ODBC, the SDS Type "M" corresponds to the generic SQL Data type "SQL_LONGVARCHAR". These fields are for long, unstructured text data that *cannot be queried*. Because of limitations in certain RDBMS software, only one (1) data type "M" field is permitted per table.

In Release 2.000, tables ehsitbrn and gdsrvmnt are the only tables which contain attributes (fields) with this data type.

Common General Entity Class Primary Key Field Lengths

In Release 2.000, 20 Common General Tables have had their Primary Keys increased to 50 characters. This allows for more generic descriptive data to be included in the field and the Foreign Keys that join to it. In this way, users can use Keys which more completely describe the requirement without referencing the joined table. (See **Common General Primary Key Field Length Changes)**

Communication Entity Set Changes

The Communications Entity Set has been completely revised with Release 2.000 of the SDSFIE. During the course of the last five years The CADD/GIS Technology Center for Facilities, Infrastructure and the Environment, has received a number of comments on the structure of the Communications Entity Set. This Release changes the organization of the Entity Set from one based on media type (i.e. telephone, cable tv, microwave, and general). The new Communications Entity Set is based upon passive devices, active equipment, cables and infrastructure (e.g. junctions, vertical structure, horizontal structure, enclosed structure, etc.). No data elements from the former Communications Entity Class have been intentionally left out of the new Communications Entity Set. There should be a place for every former entity type, entity, table, attribute and domain table. Only the organization of those elements has changed. See Communications Entity Set Changes.

Entity Set Summary Change Information

Auditory	Boundary	Buildings	Cadastre
Climate	Common	Communications	Cultural
Demographics	Ecology	Env Hazards	Fauna
Flora	Future Projects	Geodetic	Geology
Hydrography	Improvement	Land Status	Landform
Military Operations	Olfactory	Soil	Transportation
Utilities	Visual		

Database Administrator Summary Change Information

Newly Added Data Tables	Deleted Data Tables
New Attributes in Existing Tables	Deleted Attributes
Character Length Changes (not including Primary/Foreign Key changes in Common)	
New List Domain Tables	Deleted Domain Tables

New List Domain Values	Modified/Deleted Domain Values

Common General Primary Key Field Length Changes

The lengths of the Primary Keys character fields for the following Common General Entity Class tables were increased from 20 characters to 50 characters for the SDSFIE/FMSFIE Release 2.000:

Table Name	Primary Key
cmgenadd	address_id
cmgenagc	agency_id
cmgencnt	county_id
cmgencon	contr_id
cmgencor	cor_id
cmgencot	cotr_id
cmgenctr	contrct_id
cmgenfcc	fa_cl_id
cmgenlab	lab_id
cmgenman	manuf_id
cmgenmun	municip_id
cmgenobs	observ_id
cmgenown	owner_id
cmgenpln	plan_id
cmgenpmt	permit_id
cmgenpoc	poc_id
cmgenprj	project_id
cmgenprp	phase_id
cmgenstd	study_id
cmgenven	vendor_id
cmgenwko	wk_ord_id

This change was made in response to requests from Users who want to use recognizable names (up to 50 characters in length) in the Primary Key/Foreign Key fields rather than a truncated name or cryptic code (up to 20 characters in length).

For example, "owner_id" could be "base_civil_engineer", "Cheyenne_Mountain_Air_Station", organization name/code, individual's name, etc. The primary concern in using the longer field names is the increased likelihood for making typographical errors, or not spelling the Primary Key/Foreign Key field name identical in all instances.

This change will simplify the implementation of the SDSFIE/FMSFIE on GIS platforms using Access (e.g., ArcView) as a database. Access can accommodate up to 64

indexes (or joins) per table. Access Users will have the option of not having to build Primary Key/Foreign Key joins with the 20 tables listed above.

Organizations utilizing an enterprise GIS will be using database software (e.g., Oracle, SQL Server, or ESRI SDE), which can handle an unlimited number of join relationships. To achieve the full benefits provided by the SDSFIE/FMSFIE data model, they should utilize all of the Common General Entity Class tables with the Primary Key/Foreign Key joins intact, and assign Primary Key/Foreign Key Ids in the most efficient manner.

-- Release Note Script for auditory

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for boundary

No New Entity Classes in this Set

No New Entity Types in this Set

Add the Discriminator Values   US HOUSE, US SENATE, and STATE HOUSE to the Entity Type
        representation_district_area

No New Tables in this Set

-- Release Note Script for buildings

New Entity Classes:

buildings_space   Delineated areas associated with the interior of buildings and structures.

New Entity Types:

building_space_area   **G/GT Polygon**   Delineated area located within a building or structure used for the purpose of inventory and management of workspaces, personnel, and resources.

building_room_area   **G/GT Polygon**   The room perimeter shape as defined by the interior walls.

building_floor_area   **G/GT Polygon**   The space within the floor outline, the perimeter, or the building footprint.

New Data Tables:

bgspaflr   This table contains data about the area of a floor within a building.

bgsparom   This table contains data about the area of a room as defined by the positioning of the interior walls.

bgspaspa   This table contains data about the area located within a building or structure used for the purpose of inventory and management of workspaces, personnel, and resources.

-- Release Note Script for cadastre

No New Entity Classes in this Set

New Entity Types:

outgrant_site   Point/Polygon The outside boundary or point location
                            of all land outgrants.

parcel_less_than_fee_area G/GT Polygon Parcel boundaries for all land obtained
                            in less-than-fee acquisitions.

acquisition_boundary_area G/GT Polygon The outside boundary of all land
                            obtained in fee acquisition.

parcel_acquisition_area   G/GT Polygon Tract boundaries for all land obtained in
                            parcel acquisitions. (fee and less-than-fee)

encroachment_site   Point/Polygon The outside boundary or point location
                            of all encroachments

land_disposal_area   G/GT Polygon The outside boundary of all disposed
                            land.

New Data Tables:

cdrelacq   This table contains information about parcel acquisitions (fee and less-
             than-fee)

cdrelbnd   This table contains information about parcel/fee acquisition boundaries

cdreldsp   This table describes the attributes needed for disposals.

cdrelenc   This table contains information about encroachments

cdrelout   This table contains information about outgrants.

-- Release Note Script for climate

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for common

No New Entity Classes in this Set

No New Entity Types in this Set

New Data Tables:

-- Release Note Script for communications

The Communications Entity Set has been completely restructured. These changes are the result of significant user input. Specific changes include:

New Entity Classes –
communications_cable_trans
>   A physical media used to provide transmission of communications signals.

communications_device
>   A passive communication system component that lies within the signal transmission path and modifies the transmission characteristics of the media.

communications_enclosed_struct
>   A structure that houses communications equipment, devices, and junctions.

communications_equipment
Systems that provide active transmission, reception, and processing of communication
>   signals.

communications_horiz_struct
A structure that provides horizontal conveyance of communications systems.

communications_junction
>   A connection within the communication system that joins or terminates cables.

communications_support
>   Extraneous components which sustain the performance of the communication system.

communications_vertical_struct
>   A structure that provides vertical conveyance of communications systems.

communications_wireless_trans
>   Electromagnetic paths used to provide transmission of communications signals.

Remove Entity Class – **communications_cable_television**

>   Remove Entity Type **cable_television_amplifier_point/coctvamp**
>   New Entity Type **communications_amplifier_point**
>>   Any electronic device intended to boost the power or amplify the signal associated with a communications system.
>   New Table **codevamp**
>>   This table contains data about an electronic device intended to boost the power or increase the signal associated with a communications system.

>   Move Graphic Data to **communications_amplifier_point**
>>   Discriminated into VIDEO, CATV, OTHER, UNKNOWN, TBD
>   Move Tabular Data to **codevamp**

>   Remove Entity Type – **cable_television_distribution_point**
>   New Entity Type **communications_equipment_point**
>>   A generic piece of communications equipment, that has not otherwise been defined with the communications equipment entity class.
>   New Table **coeqppnt**

This table contains information about a generic piece of communications equipment not otherwise described.

Move Graphic Data to **communications_equip_point**
Move Tabular Data to **coeqppnt**

Remove Entity Type **cable_television_line**
New Entity Type **communications_coaxial_line**
A transmission line that consists of a tube of electrically conducting material surrounding a central conductor held in place by insulators that is used to transmit telegraph, telephone, and television signals of high frequency.
New Table **coctrcox**
A transmission line that consists of a tube of electrically conducting material surrounding a central conductor held in place by insulators that is used to transmit telegraph, telephone, and television signals of high frequency.
New Entity Type **communications_fiberoptic_line**
Thin transparent fibers of glass or plastic that are enclosed by material of a lower index of refraction and that transmit light throughout their length by internal reflections.
New Table **coctrfop**
This table contains information about thin transparent fibers of glass or plastic that are enclosed by material of a lower index of refraction and that transmit light throughout their length by internal reflections.
New Entity Type **communications_other_type_cable_line**
Any type of communications cable transmission not otherwise specified in the SDS.
New Table **coctrocl**
This table contains information about miscellaneous types of communications cables transmission not otherwise delineated in the SDS.
New Entity Type **communications_twisted_pair_line**
Multiconductor Communications cable generally consisting of copper wire, with each pair being twisted in order to minimize signal loss due to electromagnetic radiation.
New Table **coctrtwp**
This table contains information about multiconductor communications cable generally consisting of copper wire, with each pair being twisted in order to minimize signal loss due to electromagnetic radiation.
New Entity Type **communications_waveguide_line**
A cable designed to confine and direct the propagation of electromagnetic waves.
New Table **coctrwvg**
This table contains information about a a cable designed to confine and direct the propagation of electromagnetic wave.

Depending on the type of the cable
Move Graphic Data to **communications_coaxial_line**
Discriminated into TELEVISION
Move Tabular Data to **coctrcox**

Move Graphic Data to **communications_fiberoptic_line**
    Discriminated into TELEVISION
Move Tabular Data to **coctrfop**

Move Graphic Data to **communications_other_type_cable_line**
    Discriminated into TELEVISION
Move Tabular Data to **coctrocl**

Move Graphic Data to **communications_twisted_pair_line**
    Discriminated into TELEVISION
Move Tabular Data to **coctrtwp**

Move Graphic Data to **communications_wavequide_line**
    Discriminated into TELEVISION
Move Tabular Data to **coctrwvg**

Remove Entity Class – **communications_general**

Remove Entity Type **communications_antenna_guy_line/cogenguy**
Use Entity Type **utility_pole_guy_line**
Use Table **utgenguy**

Move Graphic Data to **utility_pole_guy_line**
Move Tabular Data to **utgenguy**

Remove Entity Type **communications_antenna_line/cogenant**
New Entity Type **communications_antenna_line**
    Any device or wire which is intended to transmit or receive electromagnetic
        impulses to or from air or space.
New Table **codevant**
    This table contains information about devices through which electromagnetic
        signals are either sent or received.

Move Graphic Data to **communications_antenna_line**
Move Tabular Data to **codevant**

Note that this is NOT the same Entity Type, although the name has not changed. It is in an entirely new Entity Class.

Remove Entity Type **communications_antenna_point/cogenant**
New Entity Type **communications_antenna_site**
    Any device or wire which is intended to transmit or receive electromagnetic
        impulses to or from air or space.
New Table **codevant**

This table contains information about devices through which electromagnetic signals are either sent or received.

Move Graphic Data to **communications_antenna_site**
Discriminated into PARABOLIC, FIELD, DIPOLE
Move Tabular Data to **codevant**

Note that this is NOT the same Entity Type. The Entity Type has been moved to a new Entity Class, is now discriminated, and is now a Point/Polygon.

Remove Entity Type – **cable_buffer_area/cogencab**

The concept of "buffering" is one that is normally performed by the GIS, and does not need to be separately defined.

Remove Entity Type **communications_conduit_line/cogencdt**
New Entity Type **communications_duct_line**
Any linear component of a path for cable routing.
New Table **cohstduc**
This table contains information about a pipe like structure used for the underground conveyance of cable

Move Graphic Data to **communications_duct_line**
Move Tabular Data to **cohstduc**

Remove Entity Type **communications_device_point/cogendev**
New Entity Type **communications_equipment_point**
A generic piece of communications equipment, that has not otherwise been defined with the communications equipment entity class.
New Table **coeqppnt**
This table contains information about a generic piece of communications equipment not otherwise described.

Move Graphic Data to **communications_equipment_point**
Move Tabular Data to **coeqppnt**

Remove Entity Type **communications_ductbank_line/cogendbk**
New Entity Type **communications_ductbank_line**
One or more duct routed in parallel between two nodes.
New Table **cohstdbk**
This table contains information about one or more duct routed in parallel between two nodes.

Move Graphic Data to **communications_ductbank_line**
Move Tabular Data to **cohstdbk**

Remove Entity Type **communications_ground_point/cogengnd**
New Entity Type **communications_groundpoint_point**
    The location where the electrical configuration is grounded.
New Table **cosupgnd**
    This table contains information about a point or a series of connected points
        where the electrical configuration is grounded.

Move Graphic Data to **communications_ground_point**
Move Tabular Data to **cosupgnd**

Remove Entity Type **communications_handhole_point/cogenchh**
New Entity Type **communications_handhole_point**
    A chamber, just below the earth's surface, too small for a man to enter, in the
        route of one or more cable runs where cables may be accessed.
New Table **coestchh**
    This table contains data regarding communications handholes.

Move Graphic Data to **communications_handhole_point**
Move Tabular Data to **coestchh**

Remove Entity Type **communications_lightning_dispersal_area/cogenlda**
New Entity Type **communications_groundplane_polygon_area**
    A series of ground points electrically connected in a mesh formation necessary to
        minimize ground resistance and electromagnetic radiation, for example
        lightening strikes, in support of critical communications systems.
New Table **cosupgnd**
    This table contains information about a point or a series of connected points
        where the electrical configuration is grounded.

Move Graphic Data to **communications_groundplane_polygon_area**
Move Tabular Data to **cosupgnd**

Remove Entity Type **communications_manhole_point/cogenmh**
New Entity Type **communications_manhole_site**
    A subsurface chamber, large enough for a person to enter, in the route of one or
        more duct runs, and affording facilities for placing and maintaining the runs,
        conductors, cables, and associated apparatus.
New Table **coestmhl**

This table contains information about a subsurface chamber, large enough for a person to enter, in the route of one or more duct runs, and affording facilities for placing and maintaining the runs, conductors, cables, and associated apparatus.

Move Graphic Data to **communications_manhole_site**
Move Tabular Data to **coestmhl**

Note that this is NOT the same Entity Type. It is in an entirely new Entity Class and has been changed to a Point/Polygon.

Remove Entity Type **communications_pedestal_point/cogenped**
New Entity Type **communications_pedestal_site**
    An above-ground enclosure providing access to buried plant.
New Table **coestped**
    This table contain information about an above-ground enclosure providing access to buried plant.

Move Graphic Data to **communications_pedestal_site**
Move Tabular Data to **coestped**

Note that this is NOT the same Entity Type. It is in an entirely new Entity Class and has been changed to a Point/Polygon.

Remove Entity Type **communications_pullbox_point/cogenpbx**
New Entity Type **communications_pullbox_site**
    A box with cover used as an aid for pulling cable.
New Table **coestpbx**
    This table contains information about a box with cover used as an aid for pulling cable.

Move Graphic Data to **communications_pullbox_site**
Move Tabular Data to **coestpbx**

Note that this is NOT the same Entity Type. It is in an entirely new Entity Class and has been changed to a Point/Polygon.

Remove Entity Type **communications_riser_point/cogenrip**
New Entity Type **communications_riser_point**
    A pipe-like structure used for the vertical conveyance of cable.
New Table **covstrip**
    This table contains information about a pipe-like structure used for the vertical conveyance of cable.

Move Graphic Data to **communications_riser_point**
Move Tabular Data to **covstrip**

Remove Entity Type **communication_splice_point/cogenspl**
New Entity Type **communications_splice_point**
     A joining of two or more communications cables, each cable contributing one end
          of itself to the splice.
New Table **cojunspl**
     This table contains information about splices.

Move Graphic Data to **communications_splice_point**
     Discriminated into DROP_INSERT, HALFTAP_INLINE, JUNCTION_INLINE,
               LOAD_INLINE, STRAIGHT_INLINE
Move Tabular Data to **cojunspl**

Remove Entity Type **communication_valve_point/cogenvlv**
New Entity Type **communications_air_pressure_device_point**
     Any device which supports a cable pressurization system, for example valves,
          compressors, pressure transducers, air dryers, and pressure meter.
New Table **cosupapp**
     This table contains information about a device which supports a cable
          pressurization system.

Move Graphic Data to **communications_air_pressure_device_point**
Move Tabular Data to **cosupapp**

Remove Entity Type **communications_vault_point/cogenvlt**
New Entity Type **communications_vault_site**
     A special structure for transitioning the outside cable plant from horizontal
          orientation to vertical orientation in preparation for termination on the
          distribution frame.
New Table **coestvlt**
     This table contains information about a special structure for transitioning the
          outside cable plant from horizontal orientation to vertical orientation in
          preparation for termination on the distribution frame..

Move Graphic Data to **communications_vault_site**
Move Tabular Data to **coestvlt**

Remove Entity Type **warning_system_point/cogenalm**
New Entity Type **communications_sensor_point**
   The location of equipment used to detect and measure various environmental
      conditions (e.g. Temperature, Fire, Intrusion, etc.)
New Table **coeqpsen**
   This table contains information about a device displaying the location of any
      alarm/warning systems for natural disasters, military or civilian emergencies,
      or other type of hazard that could endanger a person's life.

Move Graphic Data to **communications_sensor_point**
Move Tabular Data to **coeqpsen**

Remove Entity Class – **communications_microwave**

Remove Entity Type **microwave_relay_station_point/comicrel**
New Entity Type **relay_station_point**
   A piece of equipment used to relay communications signals.
Use Table **coeqprad**
   This table contains information about a piece of equipment used to transmit and
      receive communications signals via electromagnetic waves.

Move Graphic Data to **relay_station_point**
Move Tabular Data to **coeqprad**

Remove Entity Type **microwave_transmission_path_line/comictrn**
New Entity Type **communications_line_of_sight_line**
   An electromagnetic transmission signal path requiring line of sight such as
      microwave or laser transmission.
Use Table **cowtrlos**
   This table contains information about an electromagnetic transmission signal
      path requiring line of sight such as microwave or laser transmission.

Move Graphic Data to **communications_line_of_site_line**
Move Tabular Data to **cowtrlos**

Remove Entity Class – **communications_telephone**

Remove Entity Type **channel_service_unit_point/cotelchn**
New Entity Type **communications_equipment_point**
   A generic piece of communications equipment, that has not otherwise been
      defined with the communications equipment entity class..
New Table **coeqppnt**
   This table contains information about a generic piece of communications
      equipment not otherwise described.

Move Graphic Data to **communications_equipment_point**
Move Tabular Data to **coeqppnt**

Remove Entity Type **data_service_unit_point/coteldat**
New Entity Type **communications_equipment_point**
  A generic piece of communications equipment, that has not otherwise been
    defined with the communications equipment entity class.
New Table **coeqppnt**
  This table contains information about a generic piece of communications
    equipment not otherwise described.

Move Graphic Data to **communications_equipment_point**
Move Tabular Data to **coeqppnt**

Remove Entity Type **emergency_telephone_point/cotelbth**
New Entity Type **communications_telephone_point**
  The location of an end usertelephone set used for voice communications.
New Table **coeqptel**
  This table contains information about the location of a connection point for a
    telephone set used for voice communications.

Move Graphic Data to **communications_telephone_point**
Move Tabular Data to **coeqptel**

Remove Entity Type **telephone_booth_point/cotelbth**
New Entity Type **communications_telephone_booth_site**
  The location of one or more outdoor telephones either in an open air bank or
    enclosed within a booth or other enclosure.
New Table **coestbth**
  The location of one or more outdoor telephones either in an open air bank or
    enclosed within a booth or other enclosure, where a user may stand or sit
    while making a call.

Move Graphic Data to **communications_telephone_booth_site**
Move Tabular Data to **coestbth**

Remove Entity Type **telephone_cable_line**

Depending on the type of the cable
Move Graphic Data to **communications_coaxial_line**
  Discriminated into TELEPHONE
Move Tabular Data to **coctrcox**

Move Graphic Data to **communications_fiberoptic_line**
  Discriminated into TELEPHONE

Move Tabular Data to **coctrfop**

Move Graphic Data to **communications_other_type_cable_line**
    Discriminated into TELEPHONE
Move Tabular Data to **coctrocl**

Move Graphic Data to **communications_twisted_pair_line**
    Discriminated into TELEPHONE
Move Tabular Data to **coctrtwp**

Move Graphic Data to **communications_wavequide_line**
    Discriminated into TELEPHONE
Move Tabular Data to **coctrwvg**

-- Release Note Script for cultural

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for demographics

No New Entity Classes in this Set

New Entity Types:

census_site   Point/Polygon   Sites identified for census data collection.

New Data Tables:

deneicns   This table contains data about census sites to count the population of the United States.

-- Release Note Script for ecology

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for environmental_hazards

No New Entity Classes in this Set

New Entity Types:

brownfield_site Point/Polygon A commercial or private property designated as a Brownfield by the Environmental Protection Agency (EPA) or a state environmental regulatory authority, where use is limited by actual or potential environmental contamination. Does not include sites listed (or proposed for listing) by EPA on the National Priorities List (NPL), sites for which an administrative or judicial order is/has been issued under CERCLA, and sites undergoing corrective action under RCRA.

construction_storm_water_site Point/Polygon An area where surface runoff from past or present land clearing and/or construction activities have the potential to contribute sediment or other pollutants to the environment.

surface_water_discharge_point Point The location of a surface water discharge.

New Entities

Add the Discriminator Values SILVICULTURE, AGRICULTURE, INDUSTRIAL, MINING, OTHER, and URBAN to the Entity Type
        nonpoint_source_pollution_area

New Data Tables:

ehhzwcgx This table contains information about the relationship between hazardous waste containers and groups of hazardous waste containers.
ehhzwgrp This table contains information concerning a group of hazardous waste containers.
ehsitbrn This table contains information about a commercial or private property designated as a Brownfield by the Environmental Protection Agency (EPA) or a state environmental regulatory authority, where use is limited by actual or potential environmental contamination. Does not include sites listed (or proposed for listing) by EPA on the National Priorities List (NPL), sites for which an administrative or judicial order is/has been issued under CERCLA, and sites undergoing corrective action under RCRA.
ehswtcsw This table describes an area where surface runoff from past or present land clearing and/or construction activities have the potential to contribute sediment or other pollutants to the environment.
ehswtdis This table contains information about the location of a surface water discharge.

-- Release Note Script for fauna

No New Entity Classes in this Set

No New Entity Types in this Set

New Entities

Add the Discriminator Values   RARE and NONE to the Entity Type
        fauna_special_habitat_site

No New Tables in this Set

-- Release Note Script for flora

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for future_projects

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for geodetic

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for geology

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for hydrography

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for improvement

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for land_status

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for landform

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for military_operations

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for olfactory

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for soil

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for transportation

New Entity Classes:

transportation_airfield_fm   Information necessary for the management of airfield facilities.

No New Entity Types in this Set

New Entities

Add the Discriminator Values   FUELING AREA, PARKING AREA, and APRON to the Entity Type
      airfield_surface_site

Add multiple Discriminator Values   (See NST Series) to Entity Type
      navigational_aid_point
to comply with the DOD Flight Information Publication (DAFIF) PS/1FD/086

New Data Tables:

trafiacm   The data about the aircraft maintenance facility.
trafiadm   This table contains information about airfield administration
trafiapr   This table contains facilities management information about an airfield apron.
trafiatc   This table contains information about air traffic control capabilities.
trafiful   Facility management information about an area where aircraft are refueled.
trafihpd   This table contains facilities management information about a surface for landing or taking off VTOL vehicles.
trafiprk   This table contains facilities management information about an airfield parking area.
trafirun   This table contains data about managing and maintaining an airfield runway.
trafitwy   This table contains facilities management information for an airfield taxiway.

-- Release Note Script for utilities

No New Entity Classes in this Set

New Entity Types:

utility_electric_utility_site Point/Polygon An electrical power utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utility_gas_utility_site Point/Polygon A gas utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utility_wastewater_utility_site Point/Polygon A wastewater utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utility_drinking_water_sample_collection_point Point A point location where one or more water samples are collected from a water utility or system.

utility_water_utility_site Point/Polygon A water utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

New Entities

Add the Discriminator Values SERVICE and TAPPING SLEEVE to the Entity Type natural_gas_fitting_point

Add the Discriminator Values CHECK, GATE, and GLOBE to the Entity Type water_valve_point

Add the Discriminator Values SERVICE and TAPPING SLEEVE to the Entity Type water_fitting_point

New Data Tables:

uteleuti This table contains data about an electrical power utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utgasuti This table contains data about a gas utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utgniuti Parent table which permits the development of common join relationships between various utility tables.

utwaicon This table contains data concerning a contaminant sample collected from a potable water distribution system.

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utwatsam   This table contains data about locations where drinking water samples are collected prior to testing.

utwatuti   This table contains data about a water utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utwwtuti   This table contains data about a wastewater utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

-- Release Note Script for visual

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- DBA Note Script for Current Release

New Tables:

bgspaflr	This table contains data about the area of a floor within a building.
bgsparom	This table contains data about the area of a room as defined by the positioning of the interior walls.
bgspaspa	This table contains data about the area located within a building or structure used for the purpose of inventory and management of workspaces, personnel, and resources.
cdrelacq	This table contains information about parcel acquisitions (fee and less-than-fee)
cdrelbnd	This table contains information about parcel/fee acquisition boundaries
cdreldsp	This table describes the attributes needed for disposals.
cdrelenc	This table contains information about encroachments
cdrelout	This table contains information about outgrants.
coctrcox	A transmission line that consists of a tube of electrically conducting material surrounding a central conductor held in place by insulators that is used to transmit telegraph, telephone, and television signals of high frequency
coctrfop	This table contains information about thin transparent fibers of glass or plastic that are enclosed by material of a lower index of refraction and that transmit light throughout their length by internal reflections
coctrocl	This table contains information about miscellaneous types of communications cables transmission not otherwise delineated in the SDS.
coctrtwp	This table contains information about multiconductor communications cable generally consisting of copper wire, with each pair being twisted in order to minimize signal loss due to electromagnetic radiation.
coctrwvg	This table contains information about a a cable designed to confine and direct the propagation of electromagnetic wave.
codevamp	This table contains data about an electronic device intended to boost the power or increase the signal associated with a communications system.
codevant	This table contains inforamtion about devices through which electromagnetic signals are either sent or received.
codevatt	This table contains information about a device for reducing the amplitude of an electrical signal without appreciable distortion.
codevimd	This table contains information about a device that matches the impedance between two transmissions in order to minimize signal attenuation and distortion
codevpnt	This table contains information about any passive communications device not otherwise listed.
codevspl	This table contains information about a device to split a signal transmission into two or more signal paths while minimizing attenuation and distortion; generally used in broadband cable systems
codevter	This table contains information that A device that terminates an electrical or optical transmission media.

coeqpcam This table contains information about a video camera used for surveillance purposes.

coeqppnt This table contains information about a generic piece of communications equipment not otherwise described.

coeqprad This table contains information about a piece of equipment used to transmit and receive communications signals via electromagnetic waves.

coeqprar This table contains information about a device which emits electromagnetic waves which determine the presence and location of an object by measuring the direction and timing of those waves as they are reflected by the object.

coeqpsen This table contains information about a device displaying the location of any alarm/warning systems for natural disasters, military or civilian emergencies, or other type of hazard that could endanger a person's life.

coeqptel This table contains information about the location of a connection point for a telephone set used for voice communications

coestbth The location of one or more outdoor telephones either in an open air bank or enclosed within a booth or other enclosure, where a user may stand or sit while making a call.

coestchh This table contains data regarding communications handholes.

coestmhl This table contains information about a subsurface chamber, large enough for a person to enter, in the route of one or more duct runs, and affording facilities for placing and maintaining the runs, conductors, cables, and associated apparatus.

coestpbx This table contains information about a box with cover used as an aid for pulling cable.

coestped This table contain information about an above-ground enclosure providing access to buried plant.

coestvlt This table contains information about a special structure for transitioning the outside cable plant from horizontal orientation to vertical orientation in preparation for termination on the distribution frame.

cohstcaw This table contains information about horizontal cable structural support mechanisms.

cohstctr This table contains information about a trench along the ground used for the horizontal conveyance of communications cables

cohstdbk This table contains information about one or more duct routed in parallel between two nodes.

cohstduc This table contains information about a pipe like structure used for the underground conveyance of cable

cohstuti This table contains information about a tunnel system which may exist above or below ground used for horizontal conveyance of utilities including communications cables in arctic climates

cojunspl This table contains information about splices.

cojunter This table contains information about a device attached to the end of a wire or cable or to an electrical apparatus for convenience in making connections.

cosupapl This table contains information about a pipe which conveys pressurized air to a pressurized telephone cable system.

cosupapp	This table contains information about a device which supports a cable pressurization system.
cosupgnd	This table contains information about a point or a series of connected points where the electrical configuration is grounded.
covstcal	This table contains information about a ladder type structure used to support the vertical conveyance of communications cable
covstrip	This table contains information about a pipe-like structure used for the vertical conveyance of cable.
cowtrgwv	This table contains information about a groundwave polygon area.
cowtrlos	This table contains information about an electromagnetic transmission signal path requiring line of sight such as microwave or laser transmission.
deneicns	This table contains data about census sites to count the population of the United States.
ehhzwcgx	This table contains information about the relationship between hazardous waste containers and groups of hazardous waste containers.
ehhzwgrp	This table contains information concerning a group of hazardous waste containers.
ehsitbrn	This table contains information about a commercial or private property designated as a Brownfield by the Environmental Protection Agency (EPA) or a state environmental regulatory authority, where use is limited by actual or potential environmental contamination. Does not include sites listed (or proposed for listing) by EPA on the National Priorities List (NPL), sites for which an administrative or judicial order is/has been issued under CERCLA, and sites undergoing corrective action under RCRA.
ehswtcsw	This table describes an area where surface runoff from past or present land clearing and/or construction activities have the potential to contribute sediment or other pollutants to the environment.
ehswtdis	This table contains information about the location of a surface water discharge.
trafiacm	The data about the aircraft maintenance facility.
trafiadm	This table contains information about airfield administration
trafiapr	This table contains facilities management information about an airfield apron.
trafiatc	This table contains information about air traffic control capabilities.
trafiful	Facility management information about an area where aircraft are refueled.
trafihpd	This table contains facilities managment information about a surface for landing or taking off VTOL vehicles.
trafiprk	This table contains facilities management information about an airfield parking area.
trafirun	This table contains data about managing and maintaining an airfield runway.
trafitwy	This table contains facilities management information for an airfield taxiway.
uteleuti	This table contains data about an electrical power utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

utgasuti This table contains data about a gas utility company or organization's certificated area of jurisdiction or responsibility as approved by a federal, state, or local utility regulatory authority.

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Deleted Tables:

ehswdact   This non-graphic table has been replaced by a graphic table for surface water discharge points (ehswtdis) for which NPDES permits are typically required.

Added Attributes: (Existing Tables)

In Table	cdrelpar	Add Attribute	area_size
In Table	cmgencrd	Add Attribute	local_cord
In Table	cmgenpoc	Add Attribute	com_ph_ext
In Table	cmgenpoc	Add Attribute	com_phone
In Table	cmgenpoc	Add Attribute	dsn_phone
In Table	cmgenpoc	Add Attribute	email
In Table	cmgenpoc	Add Attribute	fax
In Table	ehefmdlm	Add Attribute	labdetq_d
In Table	ehefmtes	Add Attribute	chasam_id
In Table	ehefmtes	Add Attribute	labdetq_d
In Table	ehefmtes	Add Attribute	labnote_d
In Table	ehefmtes	Add Attribute	pvc_d
In Table	ehefmtes	Add Attribute	rsqc_d
In Table	ehhmwhsa	Add Attribute	hazinv_d
In Table	ehhmwhsb	Add Attribute	hazinv_d
In Table	ehhmwhsl	Add Attribute	hazinv_d
In Table	ehhmwhsr	Add Attribute	hazinv_d
In Table	ehhmwhsv	Add Attribute	hazinv_d
In Table	ehhzwcon	Add Attribute	chasam_id
In Table	ehhzwcon	Add Attribute	oshahwt_d
In Table	ehhzwdis	Add Attribute	chasam_id
In Table	ehhzwdis	Add Attribute	hzwgrp_id
In Table	ehhzwgen	Add Attribute	hzwpmt_id
In Table	ehhzwstg	Add Attribute	hzwcon_id
In Table	ehhzwstg	Add Attribute	hzwgrp_id
In Table	ehhzwstg	Add Attribute	oshahwt_d
In Table	ehhzwtns	Add Attribute	hzwcon_id
In Table	ehhzwtns	Add Attribute	hzwgrp_id
In Table	ehhzwtns	Add Attribute	shipfrom
In Table	ehhzwtns	Add Attribute	shipto
In Table	ehhzwtrt	Add Attribute	hzwgrp_id
In Table	ehhzwwst	Add Attribute	oshahwt_d
In Table	ehpolnsp	Add Attribute	nsptyp_d
In Table	ehsitirp	Add Attribute	envfac_id
In Table	ehsitirp	Add Attribute	oshahwt_d
In Table	ehsitirp	Add Attribute	sitaoc_id
In Table	ehsitirp	Add Attribute	sitbrn_id
In Table	ehsitirp	Add Attribute	sitepa_id
In Table	ehsitirp	Add Attribute	sitfud_id
In Table	ehswdapp	Add Attribute	swtdis_id
In Table	ehswdaud	Add Attribute	swtdis_id
In Table	ehswddcm	Add Attribute	swtdis_id
In Table	ehswdins	Add Attribute	swtdis_id
In Table	ehswdmon	Add Attribute	swtdis_id

In Table	ehswdpmt	Add Attribute	swtdis_id
In Table	ehswdpol	Add Attribute	swtdis_id
In Table	ehswdswa	Add Attribute	swtcsw_id
In Table	ehswdswl	Add Attribute	swtcsw_id
In Table	ehswdswm	Add Attribute	swtcsw_id
In Table	ehswdswp	Add Attribute	swtcsw_id
In Table	gdsrvmnt	Add Attribute	ctr_mnmt
In Table	gdsrvmnt	Add Attribute	ditch_name
In Table	gdsrvmnt	Add Attribute	dyn_height
In Table	gdsrvmnt	Add Attribute	dyn_orgin
In Table	gdsrvmnt	Add Attribute	dyn_u_d
In Table	gdsrvmnt	Add Attribute	ellips_ht
In Table	gdsrvmnt	Add Attribute	ellip_org
In Table	gdsrvmnt	Add Attribute	fld_book
In Table	gdsrvmnt	Add Attribute	geoid_org
In Table	gdsrvmnt	Add Attribute	gps_suit_d
In Table	gdsrvmnt	Add Attribute	road_name
In Table	gdsrvmnt	Add Attribute	image1_id
In Table	gdsrvmnt	Add Attribute	image2_id
In Table	gdsrvmnt	Add Attribute	image3_id
In Table	gdsrvmnt	Add Attribute	easting
In Table	gdsrvmnt	Add Attribute	northing
In Table	gdsrvmnt	Add Attribute	utm_u_d
In Table	gdsrvmnt	Add Attribute	int_lat
In Table	gdsrvmnt	Add Attribute	int_long
In Table	gdsrvmnt	Add Attribute	sur_crs_id
In Table	gdsrvmnt	Add Attribute	levee_name
In Table	gdsrvmnt	Add Attribute	levee_name
In Table	gdsrvmnt	Add Attribute	minus_mile
In Table	gdsrvmnt	Add Attribute	mon_desc
In Table	gdsrvmnt	Add Attribute	mon_disrm
In Table	gdsrvmnt	Add Attribute	neg_int_ln
In Table	gdsrvmnt	Add Attribute	owner_id
In Table	gdsrvmnt	Add Attribute	pid
In Table	gdsrvmnt	Add Attribute	quad24_d
In Table	gdsrvmnt	Add Attribute	rr_name
In Table	gdsrvmnt	Add Attribute	plssrng_id
In Table	gdsrvmnt	Add Attribute	river_mile
In Table	gdsrvmnt	Add Attribute	rod_depth
In Table	gdsrvmnt	Add Attribute	depth_u_d
In Table	gdsrvmnt	Add Attribute	plssare_id
In Table	gdsrvmnt	Add Attribute	twnshp_nam
In Table	gdsrvmnt	Add Attribute	ho_e_n_u_d
In Table	gdsrvmnt	Add Attribute	vert_orgin
In Table	gdsrvmnt	Add Attribute	spcszone_d
In Table	gdsrvmnt	Add Attribute	ellip_u_d
In Table	hyhdbply	Add Attribute	feat_name

In Table	imerorev	Add Attribute	artrev_id
In Table	mlairsua	Add Attribute	atc_id
In Table	traflafd	Add Attribute	afdstat_d
In Table	traflafd	Add Attribute	airadmn_id
In Table	traflafd	Add Attribute	alt_name
In Table	traflafd	Add Attribute	angle_u_d
In Table	traflafd	Add Attribute	atc_id
In Table	traflafd	Add Attribute	conv_u_d
In Table	traflafd	Add Attribute	ctrl_lit_d
In Table	traflafd	Add Attribute	exist_d
In Table	traflafd	Add Attribute	frequse_d
In Table	traflafd	Add Attribute	mag_var
In Table	traflafd	Add Attribute	nato_d
In Table	traflafd	Add Attribute	nonenc_d
In Table	traflafd	Add Attribute	timezone
In Table	traflafd	Add Attribute	usable_d
In Table	traflafd	Add Attribute	utc_conv
In Table	traflfet	Add Attribute	height
In Table	traflfet	Add Attribute	height_u_d
In Table	traflfet	Add Attribute	length
In Table	traflfet	Add Attribute	length_u_d
In Table	traflfet	Add Attribute	mat_d
In Table	traflfet	Add Attribute	surf_mat_d
In Table	traflfet	Add Attribute	width
In Table	traflfet	Add Attribute	width_u_d
In Table	traflllit	Add Attribute	air_sur_id
In Table	traflsaf	Add Attribute	airfld_id
In Table	trairnav	Add Attribute	alt_u_d
In Table	trairnav	Add Attribute	call_sign
In Table	trairnav	Add Attribute	chan_txt
In Table	trairnav	Add Attribute	directnl_d
In Table	trairnav	Add Attribute	freq_alt
In Table	trairnav	Add Attribute	freq_rate
In Table	trairnav	Add Attribute	freq_rng
In Table	trairnav	Add Attribute	freq_u_d
In Table	trairnav	Add Attribute	narrative
In Table	trairnav	Add Attribute	radio_d
In Table	trairnav	Add Attribute	rec_code_d
In Table	trairnav	Add Attribute	rng_u_d
In Table	trairnav	Add Attribute	sequence
In Table	trairnav	Add Attribute	tacan_d
In Table	trairnav	Add Attribute	use_code_d
In Table	trairnav	Add Attribute	voice_d
In Table	trairnav	Add Attribute	weather_d
In Table	trairsur	Add Attribute	ent_width
In Table	trairsur	Add Attribute	feat_name
In Table	trairsur	Add Attribute	light_id

In Table	trairsur	Add Attribute	weight_u_d
In Table	trairsur	Add Attribute	whl_load
In Table	utelebgp	Add Attribute	e_util_id
In Table	utelecap	Add Attribute	e_util_id
In Table	utelecgp	Add Attribute	e_util_id
In Table	uteledbk	Add Attribute	e_util_id
In Table	utelegen	Add Attribute	e_util_id
In Table	utelegnd	Add Attribute	e_util_id
In Table	utelemh	Add Attribute	e_util_id
In Table	utelemot	Add Attribute	e_util_id
In Table	utelemrk	Add Attribute	e_util_id
In Table	utelemtr	Add Attribute	e_util_id
In Table	uteleped	Add Attribute	e_util_id
In Table	utelereg	Add Attribute	e_util_id
In Table	utelerip	Add Attribute	e_util_id
In Table	utelespl	Add Attribute	e_util_id
In Table	utelesst	Add Attribute	e_util_id
In Table	uteleswt	Add Attribute	e_util_id
In Table	uteletbk	Add Attribute	e_util_id
In Table	uteletvt	Add Attribute	e_util_id
In Table	utgasand	Add Attribute	g_util_id
In Table	utgasant	Add Attribute	g_util_id
In Table	utgasfit	Add Attribute	g_util_id
In Table	utgasfix	Add Attribute	g_util_id
In Table	utgashyd	Add Attribute	airfuel_id
In Table	utgashyd	Add Attribute	cap_u_d
In Table	utgashyd	Add Attribute	capacity
In Table	utgashyd	Add Attribute	g_util_id
In Table	utgasmh	Add Attribute	g_util_id
In Table	utgasmtr	Add Attribute	g_util_id
In Table	utgaspip	Add Attribute	g_util_id
In Table	utgaspmp	Add Attribute	g_util_id
In Table	utgaspst	Add Attribute	g_util_id
In Table	utgasrec	Add Attribute	g_util_id
In Table	utgasreg	Add Attribute	g_util_id
In Table	utgassrc	Add Attribute	g_util_id
In Table	utgastnk	Add Attribute	g_util_id
In Table	utgasvlv	Add Attribute	g_util_id
In Table	uthcsmh	Add Attribute	date_acqrd
In Table	uthcspip	Add Attribute	feat_desc
In Table	utinwdcg	Add Attribute	swtdis_id
In Table	utstodcg	Add Attribute	swtdis_id
In Table	utwatand	Add Attribute	w_util_id
In Table	utwatant	Add Attribute	w_util_id
In Table	utwatfir	Add Attribute	w_util_id
In Table	utwatfit	Add Attribute	w_util_id
In Table	utwathyd	Add Attribute	w_util_id

In Table	utwatmh	Add Attribute	w_util_id
In Table	utwatmsc	Add Attribute	w_util_id
In Table	utwatmtr	Add Attribute	w_util_id
In Table	utwatpip	Add Attribute	w_util_id
In Table	utwatpmp	Add Attribute	w_util_id
In Table	utwatpst	Add Attribute	w_util_id
In Table	utwatrec	Add Attribute	w_util_id
In Table	utwatreg	Add Attribute	w_util_id
In Table	utwatrst	Add Attribute	w_util_id
In Table	utwatsrc	Add Attribute	w_util_id
In Table	utwattnk	Add Attribute	w_util_id
In Table	utwattpt	Add Attribute	w_util_id
In Table	utwatvlv	Add Attribute	w_util_id
In Table	utwwtdcg	Add Attribute	swtdis_id
In Table	utwwtdcg	Add Attribute	ww_util_id
In Table	utwwtdsp	Add Attribute	ww_util_id
In Table	utwwtfit	Add Attribute	ww_util_id
In Table	utwwtgcb	Add Attribute	ww_util_id
In Table	utwwtgtp	Add Attribute	ww_util_id
In Table	utwwtinl	Add Attribute	ww_util_id
In Table	utwwtlgn	Add Attribute	ww_util_id
In Table	utwwtmh	Add Attribute	date_acqrd
In Table	utwwtmh	Add Attribute	illict_d
In Table	utwwtmh	Add Attribute	no_steps
In Table	utwwtmh	Add Attribute	ww_util_id
In Table	utwwtmtr	Add Attribute	ww_util_id
In Table	utwwtneu	Add Attribute	ww_util_id
In Table	utwwtpip	Add Attribute	ww_util_id
In Table	utwwtpmp	Add Attribute	ww_util_id
In Table	utwwtpst	Add Attribute	ww_util_id
In Table	utwwtsep	Add Attribute	elev_uom_d
In Table	utwwtsep	Add Attribute	inv_elv_1
In Table	utwwtsep	Add Attribute	inv_elv_2
In Table	utwwtsep	Add Attribute	size
In Table	utwwtsep	Add Attribute	size_uom_d
In Table	utwwtsep	Add Attribute	ww_util_id
In Table	utwwtsgb	Add Attribute	ww_util_id
In Table	utwwtstk	Add Attribute	ww_util_id
In Table	utwwttnk	Add Attribute	ww_util_id
In Table	utwwttpt	Add Attribute	ww_util_id
In Table	utwwtvlv	Add Attribute	ww_util_id

Deleted Attributes:

In Table	ehhzwcon	Delete Attribute	ehmres_id	NOTE 1
In Table	ehhzwdis	Delete Attribute	efmres_id	NOTE 1
In Table	ehhzwpmt	Delete Attribute	hzwgen_id	NOTE 2
In Table	ehhzwtns	Delete Attribute	hazsto_id	NOTE 2
In Table	ehswdapp	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdaud	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswddcm	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdins	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdmon	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdpmt	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdswa	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdswl	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdswm	Delete Attribute	polpsp_id	NOTE 3
In Table	ehswdswp	Delete Attribute	polpsp_id	NOTE 3
In Table	traflafd	Delete Attribute	aprn_size	NOTE 2
In Table	traflafd	Delete Attribute	active_d	NOTE 2
In Table	trairsur	Delete Attribute	runway_num	NOTE 2
In Table	utinwdcg	Delete Attribute	polpsp_id	NOTE 3
In Table	utstodcg	Delete Attribute	polpsp_id	NOTE 3
In Table	utwwtdcg	Delete Attribute	polpsp_id	NOTE 3

NOTE 1 – Replaced by attribute "chasam_id"

NOTE 2 – No longer needed

NOTE 3 – Replaced by Foreign Key (swtdis_id) to new graphic table (ehswtdis) for surface water discharge points.

Character Length Changes:

In Table	ehsitfud	Change	county_id	from LENGTH - 20	to	50
In Table	ehswdswa	Change	swdswa_id	from LENGTH - 20	to	50
In Table	imerorev	Change	feat_name	from LENGTH - 30	to	40
In Table	traflafd	Change	feat_name	from LENGTH - 30	to	50
In Table	gdsrvmnt	Change	monumnt_id	from LENGTH - 20	to	30
In Table	bdjurapb	Change	monumnt_id	from LENGTH - 20	to	30
In Table	imerofor	Change	monumnt_id	from LENGTH - 20	to	30
In Table	ehchaspt	Change	monumnt_id	from LENGTH - 20	to	30

-- DBA Domains Script for Current Release

New List Domain Tables:

airfield - ac maintenance type	d_afiacm	Information about aircraft maintenacne available at an airport.
airfield - approach light	d_afaplt	The availability of runway approach lighting.
airfield - apron type	d_airapr	Information about the type of airfield apron.
airfield - control light	d_ctllit	An indicator of whether a pilot can activate airport lighting from an aircraft.
airfield - existence	d_afdext	The degree of confidence associated within the existence of the AIRPORT.
airfield - flight traffic rules	d_atcftr	Information about the standard set of rules governing air traffic control.
airfield - frequency use	d_afdfrq	The frequency with which the airport is used.
airfield - fueling type code	d_arfuty	The type of airport fueling
airfield - status	d_afdsta	The operational status of an airport.
airfield - taxiway	d_airtxy	The use of the taxiway.
airfield - usability	d_afdusb	The usability of the airport for the take-off and landing of aircraft.
building - space type	d_spacet	Types of building spaces.
census - age ranges	d_age	census - age ranges
census - education type	d_edutyp	census - education type
census - employment status	d_empsta	census - employment status
census - housing type	d_hostyp	censue - housing type
census - income bracket	d_incbrk	census - income bracket
census - marital status	d_marsta	census - marital status
census - person type	d_pertyp	census - person type
communications - cable way type	d_cwytyp	This domain contains information about the manner of horizontal cable conveyance.
communications - pedestal type	d_coped	This domain contains information about standard communications pedestal types.
communications - splice case mat	d_spcmat	The material composition of the splice case.
communications - splice case typ	d_spccas	The type of splice case.
communications - terminal type	d_trmtyp	The type of terminal
communications -splice method	d_spcmet	The method of splicing the cables.
communicatons -terminal case typ	d_trmcas	The type of terminal case.
discriminator - amplifier type	d_amptyp	This domin delinieates amplifier types
discriminator - building space	d_spacec	General category or classification of Building Space.
discriminator - cable use	d_cabuse	This domin table defines the use of the communications cable

discriminator - camera type	d_camty	A discriminator for types of outdoor surveillance cameras.
discriminator - comm antenna	d_coant	This domain table defines communications antenna types.
discriminator - nonpoint source	d_nsptyp	Discriminator for general type of area contributing to nonpoint source pollution.
discriminator - radio	d_radtyp	This domain describes the operating frequency range of a piece of equipment used to transmit and receive communications signals via electromagnetic waves.
discriminator - splice	d_spctyp	This domain is a discriminator for types of splices.
discriminator - splitter type	d_spltyp	This domain contains information about types of devices to split a signal transmission into two or more signal paths while minimizing attenuation and distortion; generally used in broadband cable systems
disposal - property type	d_rectyp	disposal - property type
disposal - type	d_disind	DISPOSAL - TYPE
encroachment - resolution	d_finres	encroachment - resolution
encroachment - type	d_tycat	encroachment - type
fee tract - acquisition type	d_acqest	FEE TRACT - ACQUISITION TYPE
fee tract - easement type	d_easmnt	FEE TRACT - EASEMENT TYPE
manhole - size	d_mhsize	Standard Manhole Sizes
monument - quad sheet	d_quad24	The quad sheet name.
Nav Aid - Band Code	d_nvabnd	The mode position for the aeronautical-navigational-aid distance receiver.
Nav Aid - Directional Code	d_nvadir	Information indicating whether the nav aid is directional
Nav Aid - Radio Classification	d_nvarad	the effective area for an aeronautical-navigational-aid.
Nav Aid - TACAN Type	d_nvatac	The mode setting when tuning the TACTICAL AIR NAVIGATION EQUIPMENT (TACAN) System to the nav aid.
Nav Aid - Usage	d_nvause	The airspace structure in which the aeronautical-navigational-aid is utilized.
Nav Aid - Weather	d_nvawet	the type of weather information broadcast by the aeronautical-navigational-aid.
outgrant - purpose	d_ogtpur	outgrant - purpose
outgrant - right of way type	d_ogtrow	outgrant - right of way type
outgrant - type	d_ogttyp	outgrant - type
racial type	d_race	Racial Type
tract rp purpose	d_prpurp	tract rp purpose
type list - air pressure device	d_ap_typ	This domain list types of devices which support a cable pressurization system
type list - cable	d_cbltyp	The type of cable as defined in the AT&T Network Systems. (1994) Outside Plant Engineering Handbook. Publication 900-200-318.
type list - comm manhole	d_mhtyp	The type of manhole.

type list - core	d_cortyp	This domain contains information about cable core types.
type list - manhole cover	d_covtyp	Standard frames and cover types for manholes.
type list - manhole function	d_mhfun	The function of the manhole.
type list - material condition	d_mtrcnd	Physical condition of a constructed or installed material, part, or equipment.
type list - phone	d_phntyp	This domain lists types of phones.
type list - spcs zone	d_spcs	The type of coordinate system used.
utility - drinking water sam loc	d_dwslty	Type of location where a drinking water sample was collected.
utility - dw reg contaminant cat	d_dwccat	Categories of the Drinking Water contaminants regulated by the Environmental Protection Agency (EPA).
utility - primary water source	d_pwstyp	Primary source of water for a water utility.
utility - utility ownership type	d_utown	General classification of utility owner.
utility - wastewater system type	d_wwsyty	General type or category of wastewater treatment system or utility.
utility - water system type	d_wsytyp	General classification of a water utility.
utility-dw regulated contaminant	d_dwrcon	Contaminants regulated by EPA in National Primary Drinking Water Regulation

Deleted Domain Tables:

<u>Domain Table No longer used</u>

Deleted Domain	env - control limit code	d_contrl
Deleted Domain	env - dod site category	d_dodcat
Deleted Domain	facility - holding estimate	d_hldest
Deleted Domain	name list - owner	d_owner

<u>Consolidated into Domain "d_pipmat"</u>

Deleted Domain	env - piping materials of const	d_pipemo

<u>Consolidated into Domain "d_strmat"</u>

Deleted Domain	env - tank materials of construc	d_tkmoc

New Values in Existing Domains:

In Domain Table	d_afcls	Add Value	PASSENGER
In Domain Table	d_afcls	Add Value	DEFENSE
In Domain Table	d_afcls	Add Value	DECOY
In Domain Table	d_afcls	Add Value	UNK
In Domain Table	d_wgfit	Add Value	SERVICE
In Domain Table	d_wgfit	Add Value	TAPPING_SLEEVE
In Domain Table	d_airnav	Add Value	NST_41
In Domain Table	d_airnav	Add Value	NST_58
In Domain Table	d_airnav	Add Value	NST_7
In Domain Table	d_airnav	Add Value	NST_8
In Domain Table	d_airnav	Add Value	NST_29
In Domain Table	d_airnav	Add Value	NST_30
In Domain Table	d_airnav	Add Value	NST_31
In Domain Table	d_airnav	Add Value	NST_32
In Domain Table	d_airnav	Add Value	NST_34
In Domain Table	d_airnav	Add Value	NST_35
In Domain Table	d_airnav	Add Value	NST_37
In Domain Table	d_airnav	Add Value	NST_40
In Domain Table	d_airnav	Add Value	NST_28
In Domain Table	d_airnav	Add Value	NST_42
In Domain Table	d_airnav	Add Value	NST_44
In Domain Table	d_airnav	Add Value	NST_45
In Domain Table	d_airnav	Add Value	NST_46
In Domain Table	d_airnav	Add Value	NST_5
In Domain Table	d_airnav	Add Value	NST_4
In Domain Table	d_airnav	Add Value	NST_2
In Domain Table	d_airnav	Add Value	NST_0
In Domain Table	d_airnav	Add Value	NST_1
In Domain Table	d_airnav	Add Value	NST_10
In Domain Table	d_airnav	Add Value	NST_11
In Domain Table	d_airnav	Add Value	NST_17
In Domain Table	d_airnav	Add Value	NST_57
In Domain Table	d_airnav	Add Value	NST_19
In Domain Table	d_airnav	Add Value	NST_56
In Domain Table	d_airnav	Add Value	NST_20
In Domain Table	d_airnav	Add Value	NST_21
In Domain Table	d_airnav	Add Value	NST_22
In Domain Table	d_airnav	Add Value	NST_23
In Domain Table	d_airnav	Add Value	NST_24
In Domain Table	d_airnav	Add Value	NST_25
In Domain Table	d_airnav	Add Value	NST_26
In Domain Table	d_airnav	Add Value	NST_27
In Domain Table	d_airnav	Add Value	NST_18
In Domain Table	d_reptyp	Add Value	US_SENATE
In Domain Table	d_reptyp	Add Value	US_HOUSE

In Domain Table	d_reptyp	Add Value	STATE_HOUSE
In Domain Table	d_sphtyp	Add Value	RARE
In Domain Table	d_sphtyp	Add Value	NONE
In Domain Table	d_suruse	Add Value	PARKING_AREA
In Domain Table	d_suruse	Add Value	APRON
In Domain Table	d_suruse	Add Value	FUELING_AREA
In Domain Table	d_dvlv	Add Value	GATE
In Domain Table	d_dvlv	Add Value	CHECK
In Domain Table	d_dvlv	Add Value	GLOBE
In Domain Table	d_erscat	Add Value	BROWNFIELD
In Domain Table	d_inair	Add Value	BENZO_A_PYRENE
In Domain Table	d_inair	Add Value	METHY_CHLORIDE
In Domain Table	d_inair	Add Value	STYRENE
In Domain Table	d_inair	Add Value	T_CHLOROETHYLENE
In Domain Table	d_inair	Add Value	NITROGEN_OXIDES
In Domain Table	d_inair	Add Value	CHLOROFORM
In Domain Table	d_inair	Add Value	TRICHLOROETHANE
In Domain Table	d_inair	Add Value	P_DICHLORO_BZ
In Domain Table	d_inair	Add Value	AIRBORNE_MICRO
In Domain Table	d_inair	Add Value	AIRBORNE_BIOLOG
In Domain Table	d_inair	Add Value	VOLATILEORGANIC
In Domain Table	d_inair	Add Value	TOBACCO_SMOKE
In Domain Table	d_inair	Add Value	COMBUSTIONGASES
In Domain Table	d_inair	Add Value	CARBON_MONOXIDE
In Domain Table	d_inair	Add Value	ASBESTOS
In Domain Table	d_inair	Add Value	RADON
In Domain Table	d_inair	Add Value	FORMALDEHYDE
In Domain Table	d_hwtrai	Add Value	NONE
In Domain Table	d_pcause	Add Value	DISCHARGE_GW
In Domain Table	d_pcause	Add Value	INDUSTRIAL_ACT
In Domain Table	d_pcause	Add Value	IMP_DISPOSAL
In Domain Table	d_pcause	Add Value	LEAKING_PIPE
In Domain Table	d_pcause	Add Value	DISCHARGE_SW
In Domain Table	d_pcause	Add Value	LEAKING_UST
In Domain Table	d_pcause	Add Value	LEAKING_BDRUM
In Domain Table	d_pcause	Add Value	DISCHARGE_SOIL
In Domain Table	d_pcause	Add Value	SPILL
In Domain Table	d_pcause	Add Value	LEAKING_AST
In Domain Table	d_pcause	Add Value	LEAKING_ADRUM
In Domain Table	d_polsrc	Add Value	PASTURE
In Domain Table	d_polsrc	Add Value	URBAN
In Domain Table	d_polsrc	Add Value	CONSTRUCTION
In Domain Table	d_polsrc	Add Value	MINING
In Domain Table	d_polsrc	Add Value	ORCHARD
In Domain Table	d_polsrc	Add Value	FOREST
In Domain Table	d_polsrc	Add Value	AGRI_OTHER
In Domain Table	d_polsrc	Add Value	STOCKYARD

In Domain Table	d_polsrc	Add Value	CROPLAND
In Domain Table	d_polsrc	Add Value	SPILL_LAND
In Domain Table	d_polsrc	Add Value	GRASSLAND
In Domain Table	d_polsrc	Add Value	SPILL_WATER
In Domain Table	d_polsrc	Add Value	WASTEWATER_DOM
In Domain Table	d_polsrc	Add Value	WASTEWATER_IND
In Domain Table	d_polsrc	Add Value	FUEL_TANK
In Domain Table	d_polsrc	Add Value	INDUSTRIAL_TANK
In Domain Table	d_polsrc	Add Value	MUNITIONS
In Domain Table	d_polsrc	Add Value	LANDFILL
In Domain Table	d_polsrc	Add Value	HAZWASTE_DIS
In Domain Table	d_polsrc	Add Value	RADIOACTIVE
In Domain Table	d_polsrc	Add Value	BIO_CHEM_WARFARE
In Domain Table	d_polsrc	Add Value	TANK_FARM
In Domain Table	d_polsrc	Add Value	INDUSTRIAL
In Domain Table	d_regagy	Add Value	STATE_DEP_HEALTH
In Domain Table	d_regagy	Add Value	STATE_DEQ
In Domain Table	d_regagy	Add Value	STATE_PUBSERVICE
In Domain Table	d_pipmat	Add Value	KYN_STEEL
In Domain Table	d_pipmat	Add Value	HASTELLOY
In Domain Table	d_pipmat	Add Value	FEPT_STEEL
In Domain Table	d_pipmat	Add Value	ZIRCONIUM
In Domain Table	d_pipmat	Add Value	TITANIUM
In Domain Table	d_pipmat	Add Value	TAN_STEEL
In Domain Table	d_pipmat	Add Value	STAINLESS_STEEL
In Domain Table	d_pipmat	Add Value	SARAN_LINED
In Domain Table	d_pipmat	Add Value	RUB_STEEL
In Domain Table	d_pipmat	Add Value	PTFE
In Domain Table	d_pipmat	Add Value	PPE_STEEL
In Domain Table	d_pipmat	Add Value	COMPOSOLITE
In Domain Table	d_pipmat	Add Value	MONEL
In Domain Table	d_pipmat	Add Value	INCONEL
In Domain Table	d_pipmat	Add Value	HDPE
In Domain Table	d_pipmat	Add Value	GLASS_LINED
In Domain Table	d_pipmat	Add Value	FRV
In Domain Table	d_pipmat	Add Value	FRP
In Domain Table	d_pipmat	Add Value	ARMORED_GLASS
In Domain Table	d_pipmat	Add Value	CIS
In Domain Table	d_pipmat	Add Value	PFA
In Domain Table	d_pipmat	Add Value	NICKEL
In Domain Table	d_poltyp	Add Value	SPILL_LAND
In Domain Table	d_poltyp	Add Value	SPILL_WATER
In Domain Table	d_poltyp	Add Value	DISCHARGE_GWATER
In Domain Table	d_poltyp	Add Value	DISCHARGE_WATER
In Domain Table	d_poltyp	Add Value	DISCHARGE_LAND
In Domain Table	d_strmat	Add Value	COMPO
In Domain Table	d_strmat	Add Value	CIS

In Domain Table	d_strmat	Add Value	PRECAST
In Domain Table	d_afctyp	Add Value	RADAR_REFLECTOR
In Domain Table	d_cabins	Add Value	BORE
In Domain Table	d_cabins	Add Value	JSC
In Domain Table	d_cabins	Add Value	TR
In Domain Table	d_cabins	Add Value	AER
In Domain Table	d_cabins	Add Value	BURY
In Domain Table	d_cabins	Add Value	DB
In Domain Table	d_genty	Add Value	PRIMARY
In Domain Table	d_genty	Add Value	BACKUP
In Domain Table	d_genty	Add Value	EMERGENCY
In Domain Table	d_tyshet	Add Value	SUBDA
In Domain Table	d_tyshet	Add Value	LJ
In Domain Table	d_tyshet	Add Value	MG
In Domain Table	d_tyshet	Add Value	MP
In Domain Table	d_tyshet	Add Value	PAP
In Domain Table	d_tyshet	Add Value	LA
In Domain Table	d_tyshet	Add Value	SJ
In Domain Table	d_tyshet	Add Value	NONE
In Domain Table	d_tyshet	Add Value	SUBDJ
In Domain Table	d_tyshet	Add Value	UM
In Domain Table	d_tyshet	Add Value	SA
In Domain Table	d_tyshet	Add Value	ARP
In Domain Table	d_tyshet	Add Value	RPS
In Domain Table	d_tyshet	Add Value	KPSP
In Domain Table	d_tyshet	Add Value	ALPETH
In Domain Table	d_tyshet	Add Value	AT
In Domain Table	d_tyshet	Add Value	BT
In Domain Table	d_tyshet	Add Value	CP
In Domain Table	d_tyshet	Add Value	CPNM
In Domain Table	d_tyshet	Add Value	DA
In Domain Table	d_tyshet	Add Value	DJ
In Domain Table	d_tyshet	Add Value	GT
In Domain Table	d_tyshet	Add Value	JP
In Domain Table	d_tyshet	Add Value	KP
In Domain Table	d_uom	Add Value	MILLION_GALLONS
In Domain Table	d_vpidia	Add Value	15
In Domain Table	d_vpidia	Add Value	22
In Domain Table	d_vpidia	Add Value	48
In Domain Table	d_vpidia	Add Value	42
In Domain Table	d_vpidia	Add Value	36
In Domain Table	d_vpidia	Add Value	32
In Domain Table	d_vpidia	Add Value	28
In Domain Table	d_vpidia	Add Value	60
In Domain Table	d_vpidia	Add Value	16
In Domain Table	d_vpidia	Add Value	5
In Domain Table	d_vpidia	Add Value	14

In Domain Table	d_vpidia	Add Value	21
In Domain Table	d_vpidia	Add Value	18
In Domain Table	d_vpidia	Add Value	24
In Domain Table	d_vpidia	Add Value	72
In Domain Table	d_vpidia	Add Value	30

Domain Value Changes:

In Domain Table d_airnav   Delete   FAN_MARKERS
In Domain Table d_airnav   Delete   ILS_GLIDE_SLOPE
In Domain Table d_dvlv   Delete   ARV
In Domain Table d_vpidia   Delete   0_25

In Domain Table d_miltng   Change   AQUAD_ATTACK to SQUAD_ATTACK